Project in Android Development

Spring 2019
Welcome

- Course Goal: Develop an Android application that includes back-end and will be uploaded to Google Play Store eventually.
- Consists of two courses:
  - 236603 (2pts) - Lectures, grade will be determined by a final exam
  - 236503 (3pts) - Project, grade will be determined by single and team submissions
Course Staff

- Dr. Oren Mishali - Lecturer
- Ron Marcovich - TA in charge
- Guy Menhel - TA
Final Grade

Final grade for 236503 will be calculated as follows:

- Homework - 2% each. Total: 6%
- Backlog submission - 10%
- UI submission (screens) - 9%
- Sprint1 submission (partial app) - 25%
- Sprint2 submission - Final project (full app) - 50%
Dates

- 236603:
  - Moed A: 17.07.19
  - Moed B: 06.10.19

- 236503 (Full schedule on course web site):
  - HW1: 24.03.19
  - HW2: 01.04.19
  - HW3: 10.04.19
  - Backlog: 16-17.04.19
  - UI: 28.04.19
  - Sprint1: 28.05.19
  - Sprint2: 30.06.19
Workshops

- We will have 3 workshops
  - Firebase Workshop (Week 2)
  - UI/UX Workshop (Week 5)
  - Git Workshop (Week 6)
- Attendance is very much recommended!
Homework Assignments

- 3 assignments:
  - HW1: Setup your Android Studio and make a basic app
  - HW2: Design “MyLists” app
  - HW3: Add Firebase backend to “MyLists” app
- Submission in singles ONLY
Backlog

- User stories
- Interesting features targeted at app audience
- We will split the stories to sprints, and to “nice to have”
UI Submission

- Design your app GUI according to user stories included in Sprint1
- UI Feedback will be given
- You will build your app based on the screens you submitted
Sprint Submissions

- Each application submission includes:
  - Short presentation
  - Application presentation
  - Reflection
  - Upload your application to Google Play
Submissions Grading Key

- Material Design - 20%
- Screens and Navigation - 20%
- Bugs and Usability Issues - 25%
- Google Play Store - 5%
- Git + Github - 10%
- Presentation + Teamwork - 10%
- Mentor Evaluation - 10%
Project Fair

- Usually, last Tuesday of the semester
- Your app should be already published in Play Store and stable
- You will have to create a poster for your app
What’s Next?

- Have you finished the first part of HW1?
- Firebase workshop
- GitHub repositories + Apps names + Play Store accounts
- A lot of fun!
Good Luck!